

# REQUEST FOR CHANGE FORM

## PART I: ORIGINATION

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1. AWIPS CHANGE CONTROL NUMBER (CCN): RC229 **NWS 475**  
(To be filled in by CCB Secretariat)
2. ORIGINATOR'S NAME: Vico Baer
3. OFFICE (Office Routing Code): W/OSO1x1
4. DATE SUBMITTED: 1/19/99
5. DATE NEEDED:
6. ORIGINATOR'S CHANGE REQUEST NUMBER: **NWS 475P** r1
7. CHANGE REQUEST TITLE: NESDIS ICD Update for 4 satellite  
Composite (Supplements RC229)
8. BASELINE DOCUMENT(S) AFFECTED: (If SRS, state volume and section. If TSP, state number and category. Attach change pages showing proposed changes using redline/strikeout.)

AWIPS-NESDIS ICD AAO130008 - updates to Table 4.1, Table 4.3,  
Table 4.5, Table 4.6, Table 4.7, and Table 4.8  
(Attached).

9. TYPE OF CHANGE:
  - ☐ EDITORIAL
  - ☒ CLARIFICATION OF REQUIREMENT(S)
    - ☐ REVISED REQUIREMENT LANGUAGE
    - ☐ UPDATED CODE/INTERNAL DOCUMENTATION
    - ☒ UPDATED DOCUMENTATION/REFERENCES
  - ☐ NEW REQUIREMENT(S)
    - ☐ NEW REQUIREMENT LANGUAGE
    - ☐ NEW CODE/INTERNAL DOCUMENTATION
    - ☐ NEW DOCUMENTATION/REFERENCES
  - ☐ DELETION OF REQUIREMENT(S)

10. IMPORTANCE OF CHANGE:

☒ MINOR - clarification/editorial

☐ SIGNIFICANT - needed but not critical to mission

☐ MAJOR - critical to mission

11. PRIORITY: ☒ ROUTINE    ☐ URGENT    ☐ EMERGENCY

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12. DETAILED DESCRIPTION OF CHANGE: (Describe what is being changed and the scope of the change. If new or updated code is being provided, describe how the new code differs from the previous version and the number of lines of code and/or modules changed. Attach additional pages if necessary.)

The ICD AAO13008 change pages add a value to the WMO header

character A<sub>1</sub>  
(Table 4.1) to  
reflect the 4  
s a t e l l i t e  
c o m p o s i t e  
implementation  
n; corrects the  
WMO Header  
i i v a l u e s  
assigned for  
the remapped  
GOES product  
implementation  
(in a new Table  
4.3A) and  
creates a Table  
4.3B to reflect  
the ii values for  
the 4 satellite  
c o m p o s i t e  
implementation  
n; modifies  
tables for PDB  
bytes 2, 3, and  
4 (Tables 4.5-  
4.7) to reflect  
the 4 satellite  
c o m p o s i t e  
implementation  
n; and adds an  
entry in Table  
4.8 to reflect  
the corner  
points of grid

#201 used for  
the new 4  
satellite  
composite  
imagery.

13. REASON FOR CHANGE: (Discuss why the change is needed. Attach additional pages if necessary.)

On October 16, 1998 transmission began on the NOAAPORT 4<sup>th</sup> (Non-GOES Imagery/DCP) channel of a

GMS/GOES-W/GOES-E/METEOSAT composite satellite imagery in Polar Stereographic projection over the Northern Hemisphere every 3 hours. Three composites are provided in each transmission: Visible (daylight hours only), Infrared, and Water Vapor.

**This RC updates the NESDIS ICD to reflect changes already implemented to support the 4 satellite composite transmissions and corrects the ICD to reflect the WMO header ii portion for remapped GOES imagery to agree with the values actually assigned by NESDIS. Therefore, this RC requires no operational changes to the NESDIS interface; it simply updates the ICD to reflect what has already been implemented.**

Table 4.1 WMO Abbreviated Heading - A<sub>1</sub> for Satellite Products

<u>Designator</u>	<u>Satellite</u>
A <sub>1</sub> = C	Composite
D	DMSP
E	ERS
G	GOES
J	JERS
K	GMS
M	Meteosat
T	TIROS

Table 4.2 WMO Abbreviated Heading - A<sub>2</sub> for Satellite Products

<u>Designator</u>	<u>Area/Subtype</u>
A <sub>2</sub> = A	Alaska Regional
B	Alaska National
C	Altimeter
D	Tropical Discussion
E	East CONUS
F	Northern Hemisphere
G	GAC
H	Hawaii Regional
I	Hawaii National
J	Precipitation Estimates
K	Scatterometer
L	LAC
M	Solar Env. Monitor (SEM)
N	Super-National
O	Ocean Color
P	Puerto Rico Regional
Q	Puerto Rico National
R	HRPT
S	Soundings
T	Sea Surface Temperatures
U	Winds
V	SSM/I
W	West CONUS
X	WEFAX
Y	ASOS Supplemental Cloud
Z	Available